518, 253

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)
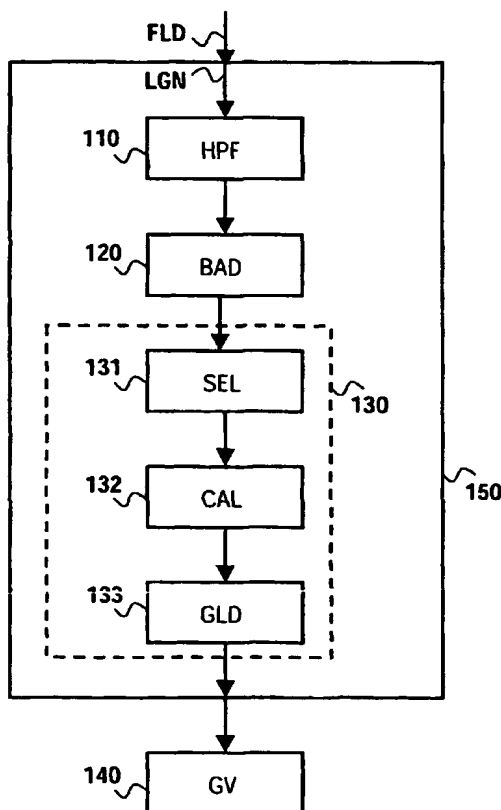
[Continued on next page]

(54) Title: METHOD OF DETECTING BLOCKING ARTEFACTS

(57) Abstract: The invention relates to a method of detecting blocking artefacts within a sequence of digital images. The method comprises a step of high-pass filtering (110) a portion of a digital image, intended to supply at least one card of discontinuity pixels. It also comprises a step of detecting (120) blocking artefacts from the at least one card of discontinuity pixels. Finally, it comprises a step of searching (130), within the portion of the digital image, a set of grid rows, a grid row having a density of discontinuity pixels which is substantially higher than that of its neighboring rows. Such a method of detecting blocking artefacts is particularly efficient and allows, for example, a better correction of blocking artefacts in the grid rows.

WO 2004/002163 A2